

Grade 3/4/5 Science Year Plan (Grade 3 curriculum)

2011-2012

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Course Overview: The learner expectations for the elementary science program are linked to two main areas of skill emphasis: science inquiry and problem solving through technology. The skills developed in these two areas are related, but have a somewhat different focus. In science inquiry, the focus is on asking questions and finding answers based on evidence. The outcome of inquiry is knowledge. In problem solving through technology, the focus is on practical tasks— finding ways of making and doing things to meet a given need, using available materials. The outcome of problem solving is a product or process that a person can use.

	September	October	November	December	January
Topic:	Topic B: Building with a Variety of Materials	Topic B: Continued Topic C: Testing Materials and Designs	Topic C: Continued		Topic A: Rocks and Minerals
Resources:	IMC Kit EPSB resource		Thinking Like a Scientist DVD EPSB resource		IMC Kit EPSB resource
Instructional Approaches:	- Group Work, Direct Instruction, Guided Discovery,	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery,	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery
Evaluation:	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects

	February	March	April	May	June
Topic:		Topic D: Hearing and Sound		Topic E: Animal Life Cycles	
Resources:		EPSB resource IMC kit		EPSB resource	
Instructional Approaches:	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery	- Group Work, Direct Instruction, Guided Discovery
Evaluation:	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects	- Rubrics, Unit tests, Formative Assessment through class projects